

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Adam Treiber on June 22, 2006.
3. The application has been amended as follows: claims 2, 3, 4, 6 and 7 have been amended to read -wherein the power amplifier is linearized using the predistorted signal (u(t)) as an input signal of the power amplifier, ~~and~~ in place of "wherein the power amplifier linearizes the power amplifier using the predistorted signal (u(t)) as its input signal, ~~and~~"

### *Allowable Subject Matter*

4. The following is an examiner's statement of reasons for allowance: Prior art fails to disclose an apparatus and method to linearize a power amplifier where the optimal predistorted signal for an input signal is generated by obtaining an inverse distortion component corresponding to the amplitude of the input signal from a previously formed and stored lookup table.
5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."